|               |                             |                      | Sheet 1 of 1    |  |
|---------------|-----------------------------|----------------------|-----------------|--|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE | ATTORNEY DOCKET NO.  | APPLICATION NO. |  |
|               | PATENT AND TRADEMARK OFFICE | 1572.1221            | Unassigned      |  |
|               |                             | FIRST NAMED INVENTOR |                 |  |
|               | ENCES CITED BY APPLICANT    | Yong-hyun KWON et a  | I.              |  |
|               |                             | FILING DATE          | GROUP ART UNIT  |  |
| (Use se       | veral sheets if necessary)  | March 19, 2004       | Unassigned      |  |

#### **U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |            | DOCUMENT<br>NO. | DATE   | NAME      | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|------------|-----------------|--------|-----------|-------|---------------|----------------|
| RLA                  | <b>A</b> A | 5,947,009       | 9/1999 | Hedenberg |       |               |                |
| RLA                  | AB         | 4,590,850       | 5/1986 | Hedenberg |       |               |                |
|                      | AC         |                 |        |           |       |               |                |
|                      | AD         |                 |        |           | +     |               |                |
|                      | AE         |                 | +      |           |       |               |                |
|                      | AF         |                 |        |           |       |               |                |

#### FOREIGN PATENT DOCUMENTS

|           |    | DOCUMENT<br>NO. | DATE   | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|-----------|----|-----------------|--------|---------|-------|---------------|-----------------------|
| RLA       | AG | 2002-57012      | 7/2002 | Korea   |       |               | X                     |
| RLA       | AH | 2002-61409      | 7/2002 | Korea   |       |               | X                     |
| RLA       | Ał | 1989-506        | 3/1989 | Korea   |       |               | X                     |
| RLA       | AJ | 2001-32188      | 4/2001 | Korea   |       |               | X                     |
| · · · · · | AK |                 | +      |         |       |               |                       |
|           | AL |                 |        |         |       |               |                       |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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/Reginald L. Alexander/

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| E             | ADEMAN                      |                       | Sheet <u>1</u> of <u>1</u> |  |  |
|---------------|-----------------------------|-----------------------|----------------------------|--|--|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE | ATTORNEY DOCKET NO.   | APPLICATION NO.            |  |  |
|               | PATENT AND TRADEMARK OFFICE | 1572.1221             | 10/804,051                 |  |  |
|               |                             | FIRST NAMED INVENTOR  |                            |  |  |
| LIST OF REFER | ENCES CITED BY APPLICANT    | Yong-hyun KWON et al. |                            |  |  |
|               | everal sheets if necessary) | FILING DATE           | GROUP ART UNIT             |  |  |
| (038.3)       |                             | March 19, 2004        |                            |  |  |

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME    | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|------|---------|-------|---------------|----------------|
|                      | AA |                 |      |         |       |               |                |
|                      | AB |                 |      |         |       |               |                |
| ·····                | AC |                 |      | <u></u> |       |               | ·· ··          |
|                      | AD |                 |      |         |       |               |                |
|                      | AE |                 |      |         |       |               |                |
| <u> </u>             | AF |                 |      |         |       |               |                |

### FOREIGN PATENT DOCUMENTS

|            |    | DOCUMENT<br>NO. | DATE     | COUNTRY | CLASS | SUB-<br>CLASS | TRANSL<br>YES | <u>ATION</u><br>NO |
|------------|----|-----------------|----------|---------|-------|---------------|---------------|--------------------|
| RLA        | AG | 1 382 259 A1    | 01/21/04 | EP      |       |               | xx            |                    |
| RLA        | AH | 1 382 258 A1    | 01/21/04 | EP      |       |               | xx            |                    |
| RLA        | AI | 1 357 504 A2    | 10/29/03 | EP      |       |               | xx            |                    |
|            | AJ |                 |          |         |       |               |               |                    |
|            | AK | <u> </u>        | <u> </u> |         |       |               |               |                    |
| , <u>,</u> | AL |                 |          |         |       |               | ·             | <b>↓</b>           |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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## ATTACHMENT 1(g)



|                                           | ATTORNEY DOCKET NO.               | APPLICATION NO. |
|-------------------------------------------|-----------------------------------|-----------------|
|                                           | 1572.1221<br>FIRST NAMED INVENTOR | 10/804,051      |
| LIST OF ADDITIONAL SUBMITTED<br>DOCUMENTS | Yong-hyun KWON et al.             |                 |
| DOCUMENTS                                 | FILING DATE                       | GROUP ART UNIT  |
|                                           | March 19, 2004                    |                 |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of any identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME  | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|------|-------|-------|---------------|----------------|
|                      | AA |                 |      | · _ · | 1     |               |                |
|                      | AB |                 |      |       |       |               |                |
|                      | AC |                 |      |       |       |               |                |

**U.S. PATENT DOCUMENTS** 

## FOREIGN PATENT DOCUMENTS

|    | DOCUMENT<br>NO. | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSL<br>YES | ATION<br>NO |
|----|-----------------|------|---------|-------|---------------|---------------|-------------|
| AD |                 |      |         |       |               |               |             |
| AE |                 |      |         |       |               |               |             |

## OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| <br>AF | Communication dated 08/06/04 from the European Patent Office (including Search<br>Report) for the corresponding European Patent Application 04 25 1520 |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>   |                                                                                                                                                        |

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/Reginald L. Alexander/

DATE CONSIDERED 05/09/2006

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| FEB 2 2 2006                      |                       |                 |
|-----------------------------------|-----------------------|-----------------|
|                                   | I ATTORNEY DOCKET NO. | Sheet 1 of 1    |
| FORM PTO-1449                     | ATTORNET DOCKET NO.   | APPLICATION NO. |
| TATENT AND TRADEMARK OFFICE       | 1572.1221             | 10/804,051      |
|                                   | FIRST NAMED INVENTOR  |                 |
| INFORMATION DISCLOSURE STATEMENT  | Yong-hyun KWON et     | ai.             |
|                                   | FILING DATE           | GROUP ART UNIT  |
| (Use several sheets if necessary) | March 19, 2004        | 1761            |

## **U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE      | NAME      | CLASS | SUB-<br>CLASS                         | FILING<br>DATE |
|----------------------|----|-----------------|-----------|-----------|-------|---------------------------------------|----------------|
| RLA                  | ĀĀ | 5,146,840       | 9/15/92   | Hedenberg |       |                                       |                |
| RLA                  | AB | 5,947,009       | 9/07/99   | Hedenberg |       |                                       |                |
|                      | AC |                 |           |           |       |                                       |                |
|                      | AD |                 | · · · · · |           |       | · · · · · · · · · · · · · · · · · · · |                |
|                      | AE |                 |           | ·····     |       |                                       |                |
|                      | AF |                 |           |           |       |                                       |                |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NO. | DATE | COUNTRY | TRANSLATION<br>YES NO | ABSTRACT |
|--|----|-----------------|------|---------|-----------------------|----------|
|  | AG |                 |      |         |                       |          |
|  | АН |                 |      |         |                       |          |
|  | AI |                 |      |         |                       |          |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) |    |                                                                                                                |   |   |
|-------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------|---|---|
| RLA                                                                     | AJ | Japanese Office Action for corresponding Japanese Patent Application<br>No. 2004-085687 dated February 7, 2006 |   | x |
| RLA                                                                     | AK | Chinese Office Action for corresponding Chinese Patent Application No. 200410028787.9 dated November 4, 2005   | x |   |

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